

**Indiana Department of Homeland Security**  
**July 2007 Statewide Amateur Radio Emergency Communications Test**

COUNTY	80M SSB	80M PSK-31	6 M SSB	40 M SSB	2 M SIMPLEX 146.52	440 W9WIN	6 M FM	ECHO LINK	LOCAL NET CHECK-IN'S	PHONE
Adams	Yes									
Allen										
Bartholomew						YES	YES	YES	7	
Benton										
Blackford										
Boone										
Brown										
Carroll										
Cass										
Clark										
Clay										
Clinton										
Crawford										
Daviess										
Dearborn										
Decatur										
Dekalb										
Delaware										
Debois			YES		YES	YES			15	
Elkhart										
Fayette										
Floyd						YES			3	
Fountain										
Franklin										
Fulton										
Gibson										
Grant										
Greene						YES			7	
Hamilton # 1					YES					
Hamilton # 2										
Hancock										
Harrison						YES		yes	4	

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Hendricks										
Henry										
Howard										
Huntington										
Jackson										
Jasper										
Jay										
Jefferson										
Jennings										
Johnson										
Knox										
Kosciusko		YES			YES	YES			17	
LaGrange										
Lake										
Laporte										
Lawrence						YES		yes	14	
Madison										
Marion			YES	YES	YES	YES	YES		4	
Marshall										
Martin										
Miami										
Monroe						YES			23	
Montgomery										
Morgan					YES					
Newton										
Noble										
Ohio										
Orange						YES			1	
Owen			YES							
Parke										
Perry										
Pike										

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Porter										
Posey										
Pulaski										
Putnam										
Randolph										
Ripley										
Rush										
St. Joseph										
Scott			YES				YES			
Shelby										
Spencer										
Starke										
Steuben										
Sullivan										
Switzerland										
Tippecanoe										
Tipton										
Union										
Vanderburgh						YES			2	
Vigo										
Vermillion										
Wabash										
Warren										
Warrick										
Washington										
Wayne										
Wells										
White										
Whitley										

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<i>SEMA Ham Team</i>	1	1	2	1	1	1	2	1	1	1
<b>Total involvement</b>	2	2	6	1	5	10	1	3	94	0

**Coordinators Notes:** First of all, I would like to thank the county EMA's and local Amateur Radio Operators for participating in this Semiannual Statewide Amateur Radio Emergency Communications Test. We tried to experiment with 6 meters and may do so again in the January 2008 test. We will also continue to use the W9Win linked system. The W9WIN system is proving to be a large asset for Emergency UHF Communications and the amateurs maintaining the system are continuing to upgrade its capabilities.

--Counties that participated in the test: **15** ( 27 in Jul 06)

--Total number of amateur radio operators that participated in the test statewide: **106** (171 in Jul 06 )

--State ham team personnel monitored all Amateur bands, and frequencies required for the test used. 12 persons

--Local nets by counties were done on 2 meter, 440 Mhz. And 6 meters

--Stations outside Indiana that checked in: 2 from MN, and 1 from IL. (20 in Jul 06)

--Band propagation was in **Very Poor** Condition for HF and VHF.

--Counties relayed for other counties to ensure information needed was passed on: **YES**

--Echo link was monitored. Site in Indianapolis was down so the IDHS Team used the site in Columbus Indiana for the test site. The IDHS team also used the W9WIN 440 linked system with the echo link nodes on.

\_There were no Phone check-ins and we have no answer for that shortfall.

**Conclusions:**

1. Well this test was not the best, but it was a good one for trying new things. First we did not use 60 meters this time, as we just did not get much participation at all. The IDHS Team used 6 meters instead which did not have many check-ins, but it is thought that 6 meter FM and or SSB could have some benefit in a central Indiana disaster, as all or most the 2m/44 repeaters would be busy with local traffic. The HF bands (40 and 80 meters) were not active at all, so the check in count was very low. There was more activity on the W9WIN (W9WIN.ORG) linked system and that is a good thing. This system incorporates a very large area in Indiana and is also capable of incorporating Echo link into the system. Participation is growing in its use and this gives the IDHS Ham Team a greater chance of communicating to other counties when need. The summer test historically has a lower turn out and the IDHC ham Team understands that, and it is hoped the January 2008 test will be the biggest test yet with the addition of 6 Meters. The next scheduled test will be on **19 January 2008**.

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Next test tentatively scheduled for 19 January 2008

Submitted by

Steven Wendt KB9RDS  
Indiana State RACES Communications Test Manager